

Applicant: Charles V. Fernandez
Serial No.: 10/681848
Filed: 10/08/03
Docket No. 200300442-1
Title: Ink/Toner Cartridge Compensation For Uneven Ink/Toner Usage

Claim Summary:

Claims originally present: 1-22.

Claims previously canceled: none.

Claims previously amended: none.

Claims previously added: none.

Claims hereby canceled: 14 and 16-21.

Claims hereby amended: 1, 4-7, 10-13, and 22.

Claims hereby being added: none.

Claims remaining: 1-13, 15, and 22.

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Amendment "A"

Please amend the Claims as follows:

1. (Amended) An ink/toner cartridge compensation system for uneven ink/toner usage, comprising:
 - [an] a first ink/toner cartridge including a plurality of ink/toner colors;
 - a printer driver operatively connected to said first cartridge;
 - a memory device operatively connected to said printer driver for recording ink/toner usage of [said] a previously used cartridge; and
 - a display device operatively connected to said printer driver to allow a user to determine which color was depleted first in said previously used cartridge and to compensate for an uneven usage of that color in said first cartridge.
2. (Original) The system, as in Claim 1, wherein said display device is further comprised of:
 - a first interaction line;
 - a plurality of color selections;
 - a second interaction line;
 - a use history button;
 - a slider/scale;
 - an OK button;

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a print sample button;

a cancel button; and

a help button.

3. (Original) The system, as in Claim 1, wherein said system is further comprised of:

a print head operatively connected to said printer driver; and

a print mechanism operatively connected to said printer driver.

4. (Amended) A method for ink/toner cartridge compensation, comprising the steps of:

inserting a new ink/toner container/supply into a printing system;

[monitoring a usage of ink/toner container in said container;

determining if a particular color of ink/toner is depleted;]

allowing a printer driver to recognize said new ink/toner container;

requesting if said user remembers which color was first depleted in a previously installed cartridge;

allowing said user to determine a cartridge history of said previously installed cartridge;

having [a] said user determine if said user wants to compensate for said ink/toner color that is depleted; and

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if said user decides to compensate for said ink/toner color that is depleted, compensating for that color.

5. (Amended) The method, as in Claim 4, wherein said monitoring step is further comprised of the step of:

monitoring said ink/toner usage through [the use of] a printer driver and a printer driver memory.

6. (Amended) The method, as in Claim 4, wherein said determining step is further comprised of the step of:

monitoring said ink/toner usage through [the use of] a printer driver and a printer driver memory.

7. (Amended) The method, as in Claim 4, wherein said compensating step is further comprised of the steps of:

[said user desires to compensate] compensating for the depleted color;

[said user adjusts] adjusting a slider;

[said user clicks] clicking an OK button;

[said user clicks] clicking on a print sample button to print out a sample of said adjusted color; and

[said user determines] determining if said compensated/adjusted color is acceptable.

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8. (Original) The method, as in Claim 4, wherein said compensating step is further comprised of the steps of:

clicking a cancel button, if said user desires to cancel said compensating step.

9. (Original) The method, as in Claim 4, wherein said compensating step is further comprised of the steps of:

clicking a help button, if said user needs assistance in completing said compensating step.

10. (Amended) A method for ink/toner cartridge compensation, comprising the steps of:

inserting a new ink/toner container/supply into a printing system;
monitoring a usage of the ink/toner contained in said container;
determining if a particular color of ink/toner is running low ;
having said user determine if said user wants to compensate for said ink/toner color that is running low ; and

if said user decides to compensate for said ink/toner color that is running low , compensating for that color, wherein said compensating step is further comprised of clicking a cancel button, if said user desires to cancel said compensating step.

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11. (Amended) The method, as in Claim 10, wherein said monitoring step is further comprised of the step of:

monitoring said ink/toner usage through [the use of] a printer driver and a printer driver memory.

12. (Amended) The method, as in Claim 10, wherein said determining step is further comprised of the step of:

monitoring said ink/toner usage through [the use of] a printer driver and a printer driver memory.

13. (Amended) The method, as in Claim 10, wherein said compensating step is further comprised of the steps of:

[said user desires to compensate] compensating for the depleted color;

[said user adjusts] adjusting a slider;

[said user clicks] clicking an OK button;

[said user clicks] clicking on a print sample button to print out a sample of said adjusted color; and

[said user determines] determining if said compensated/adjusted color is acceptable.

14. (Cancelled)

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15. (Original) The method, as in Claim 10, wherein said compensating step is further comprised of the step[s] of:

clicking a help button, if said user needs assistance in completing said compensating step.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Amended) A system for ink/toner cartridge compensation, comprising:

a [means for providing an] first ink/toner cartridge means having a plurality of ink/toner colors;

a [means for providing a] printer driver means operatively connected to said first cartridge means;

a memory means operatively connected to the printer driver for recording ink/toner usage of [the] a previously used cartridge; and

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a means for displaying information to a user to allow said a user to
determine which color was depleted first or is running low in said previously used
cartridge and to compensate for an uneven usage of that color in said first
cartridge.

End of Amendment "A"